

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	((("6639203") or ("6330057") or ("3825322") or ("5084711")).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/01 12:53
S2	1745	((photodetect\$3 with lens\$3) same (reflect\$3 near3 film or coat\$3 or layer\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 12:55
S3	703	((photodetect\$3 with lens\$3) same (reflect\$3 near3 (film or coat\$3 or layer\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 12:55
S4	348	((photodetect\$3 with lens\$3) with (reflect\$3 near3 (film or coat\$3 or layer\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 13:04
S5	2314	(photodetect\$3 with lens\$3) and "250"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 13:05
S6	158	(photodetect\$3 with lens\$3) and "250"/216.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 13:18
S7	11	(photodetect\$3 with lens\$3) and 372/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 13:21
S8	24	(photodetect\$3 same lens\$3) and 372/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 13:22
S9	13	S8 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 13:21
S10	68	(photodetect\$3 or photodiode or (photo near3 detect\$3)) and 372/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 13:28

## EAST Search History

S11	543	372/101.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 14:16
S12	1385	((lens\$3 with reflect\$3) same feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 14:17
S13	1150	S12 and (photodetect\$3 or detect\$3 or monitor or photocell or photodiode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/01 14:18
S14	2	("5774614"   "5812582").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/01 14:57
S15	1	("5084711").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/05 10:21
S16	0	asperic near3 lens and "372"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/05 10:22
S17	197	aspheric near3 lens and "372"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/05 10:22
S18	25	aspheric near3 lens and "372"/101.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/05 11:04
S19	89	semiconductor near3 laser near3 vcsel and "372"/\$.ccls.	USPAT	OR	OFF	2006/06/05 11:15
S20	3470	distributed near3 feedback near3semiconductor near3 laser near3 vcsel	USPAT	OR	OFF	2006/06/05 11:15
S21	0	distributed near3 feedback near3 semiconductor near3 laser near3 vcsel	USPAT	OR	OFF	2006/06/05 11:15
S22	13	distributed near3 feedback near3 semiconductor near3 laser with vcsel	USPAT	OR	OFF	2006/06/05 14:59
S23	4643	silicon near3 bond	USPAT	OR	OFF	2006/06/05 15:00
S24	240	silicon near3 glue	USPAT	OR	OFF	2006/06/05 15:00
S25	88	silicon adj glue	USPAT	OR	OFF	2006/06/05 15:00
S26	59200	KUNIO.IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/20 18:06

## EAST Search History

S27	2390	S26 AND LASER	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 18:06
S28	62	S26 AND LASER NEAR3 SEMICONDUCTOR AND FEEDBACK	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 18:10
S29	51	(UEHARA NEAR3 KUNIO).IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 18:10
S30	5	S29 AND LASER NEAR3 SEMICONDUCTOR AND FEEDBACK	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 18:11
S31	21	S29 AND LASER NEAR3 SEMICONDUCTOR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 18:11
S32	1	("6639203").PN.	US-PGPUB; USPAT	OR	OFF	2007/02/28 11:21
S33	1	"20050180471"	US-PGPUB; USPAT	OR	OFF	2007/02/28 16:54
S34	60589	lens\$3 with reflect\$3 with surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 17:25
S35	76	((lens\$3 near3 reflect\$3 near3 surface\$1) with input with output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 17:24

## EAST Search History

S36	1024	S34 and "372"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 17:25
S37	12445	lens\$3 near3 reflect\$3 near3 surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 19:13
S38	206	S37 and "372"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 19:12
S39	12445	lens\$3 near3 reflect\$3 near3 surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 19:17
S40	3093	S39 and "359"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 20:24
S41	870	lens\$3 near3 reflect\$3 near3 surface with refract\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 19:17
S42	367	S41 and "359"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 19:17
S43	574	372/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 20:00

## EAST Search History

S44	44	S39 and 359/642.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 20:27
S45	20	S39 and 359/729.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/28 20:27